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Derwent Title: **Bushing sleeve is made of aluminum alloy for casting in cylindrical blocks made of light metal having an outer cast surface in the region of its runner in the block**

Original Title: ☒ **DE10009135A1**: Laufbuchsen aus einer Aluminiumlegierung zum Eingieen in Zylinderblecke aus Leichtmetall von Verbrennungsmotoren und Verfahren zu deren Herstellung und Eingu

Assignee: **VOLKSWAGEN AG** Standard company  
Other publications from [VOLKSWAGEN AG \(VOLS\)](#)...

Inventor: **FAERBER K; HEIDER T; HEINEMANN R;**

Accession/ **2001-537165 / 200160**

Update:

IPC Code: **F02F 1/16 ;**

Derwent Classes: **M22; Q52; M26;**

Manual Codes: **M22-G03A1**(Moulds for continuous casting) , **M26-B09**  
(Aluminium alloy)

Derwent Abstract: ( **DE10009135A**) **Novelty** - Bushing sleeve is made of a aluminum alloy for casting in cylindrical blocks made of light metal. The blocks have an outer cast surface in the region of its runner in the block.

**Detailed Description** - An INDEPENDENT CLAIM is also included for a process for the production of a bushing sleeve comprising providing the outer cast surface of the sleeve with a thin low temperature melting zinc coating directly after casting at less than 419 deg. C.

**Use** - Used in internal combustion engines.

**Advantage** - A permanent sealed metallic connection with the cylinder block is produced.

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Family: **PDF Patent** **Pub. Date** **Derwent Update** **Pages** **Language** **IPC Code**

☒ **DE10009135A1** \* 2001-08-30 200160 3 German F02F 1/16

Local appls.: 00192000E-10091 Filed:2000-02-26 (2000DE-1009135)

INPADOC [Show legal status actions](#)  
Legal Status:

First Claim: [Show all claims](#)  
1. Laufbuchsen aus einer Aluminiumlegierung zum Eingießen in Zylinderblöcke aus Leichtmetall von Verbrennungsmotoren, **dadurch gekennzeichnet**, daß diese mindestens eine äußere Rauhußoberfläche im Bereich ihres Eingusses im Zylinderblock aufweisen.

Priority Number:

Application Number	Filed	Original Title
DE2000001009135	2000-02-26	

® Title Terms: BUSHING SLEEVE MADE ALLOY CAST CYLINDER BLOCK MADE LIGHT METAL  
OUTER CAST SURFACE REGION RUNNER BLOCK

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